

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,114,867 B2  
APPLICATION NO. : 10/822658  
DATED : October 3, 2006  
INVENTOR(S) : Ohashi et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE:**

At Item (56), References Cited, Foreign Patent Documents:

“JP 2001261181 A \* 9/2001” should read --JP 2001-261181 A \* 9/2001--,  
“JP 2002127541 \* 5/2002” should read --JP 2002-127541 A \* 5/2002--,  
“JP 2003002491 A \* 1/2003” should read --JP 2003-002491 A \* 1/2003--.

At Item (56), References Cited, Other Publications, “Machine translation of JP 20011261181” should read --Machine translation of JP 2001-261181--.

**COLUMN 3:**

Line 23, “life” should read --lift--.  
Line 67, “flow charts” should read --flowcharts--.

**COLUMN 4:**

Line 26, “sheet” should read --sheets--.

**COLUMN 5:**

Line 8, “to” should read --to a--.  
Line 13, “holder 23” should read --holder 23,--.  
Line 14, “FIG. 9” should read --FIG. 9,--.  
Line 17, “FIG. 3” should read --FIG. 3,--.  
Line 52, “FIG. 3” should read --FIG. 3,--.

**COLUMN 6:**

Line 5, “heat” should read --head--.  
Line 18, “such” should read --such an--.

**COLUMN 11:**

Line 26, “following” should read --following,--.

**COLUMN 13:**

Line 29, “allow to detect” should read --allow detecting--.  
Line 40, “even it is” should read --even if it is--.

**COLUMN 15:**

Line 18, “mounted 48” should read --48 mounted--.  
Line 50, “of” should read --of a--.  
Line 55, “result” should read --result a--, and “an” should be deleted.

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COLUMN 18:

Line 29, "operation" should read --operation,--.  
Line 59, "rate etc." should read --rate, etc.,--.

COLUMN 21:

Line 18, "flow chart." should read --flowchart.--.  
Line 30, "reason" should read --reasons--.

COLUMN 22:

Line 41, "little" should read --little of--.

COLUMN 25:

Line 25, "the" should be deleted.  
Line 34, "allows to rotate" should read --allows rotation of--.  
Line 41, "and," (second occurrence) should be deleted.

COLUMN 26:

Line 18, "provides" should read --provides the--.  
Line 58, "plant" should read --planet--.

COLUMN 27:

Line 20, "normal-direction" should read --normal direction--.  
Line 44, "flow chart." should read --flowchart.--.  
Line 48, "flow" should read --flow--.  
Line 51, "flow chart." should read --flowchart.--.

COLUMN 30:

Line 13, "explained" should read --explained a--.

COLUMN 31:

Line 5, "completing" should read --completing a--.  
Line 59, "reason" should read --reasons--.

COLUMN 34:

Line 32, "16E," should be deleted.  
Line 37, "16E," (first occurrence) should be deleted.

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COLUMN 35:

Line 9, "16E," (first occurrence) should be deleted.  
Line 12, "allows to relieve" should read --allows relieving of--.  
Line 16, "has" should read --has been--.

Signed and Sealed this

Twenty-fourth Day of June, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*